

FIG. 2

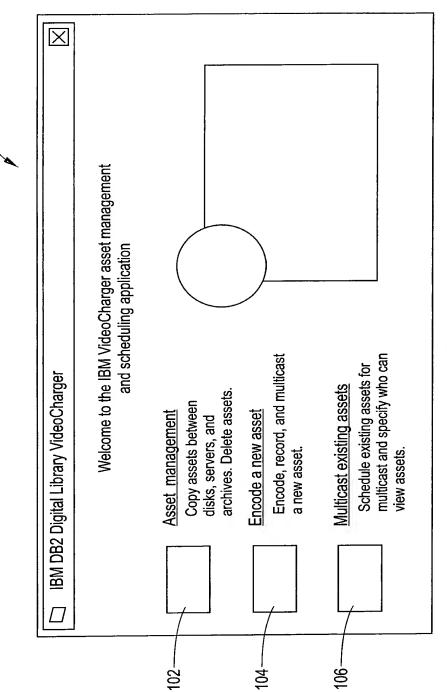
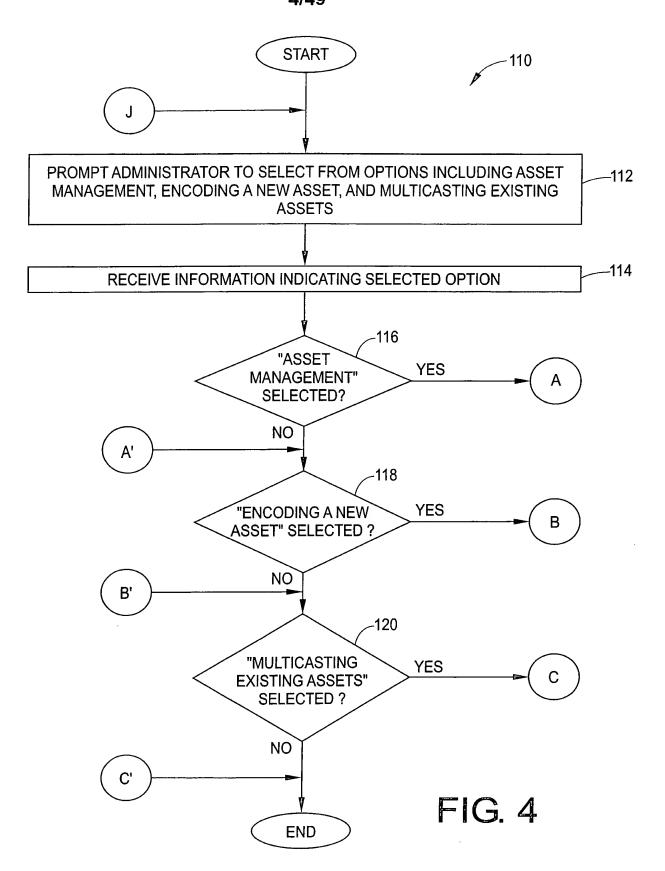
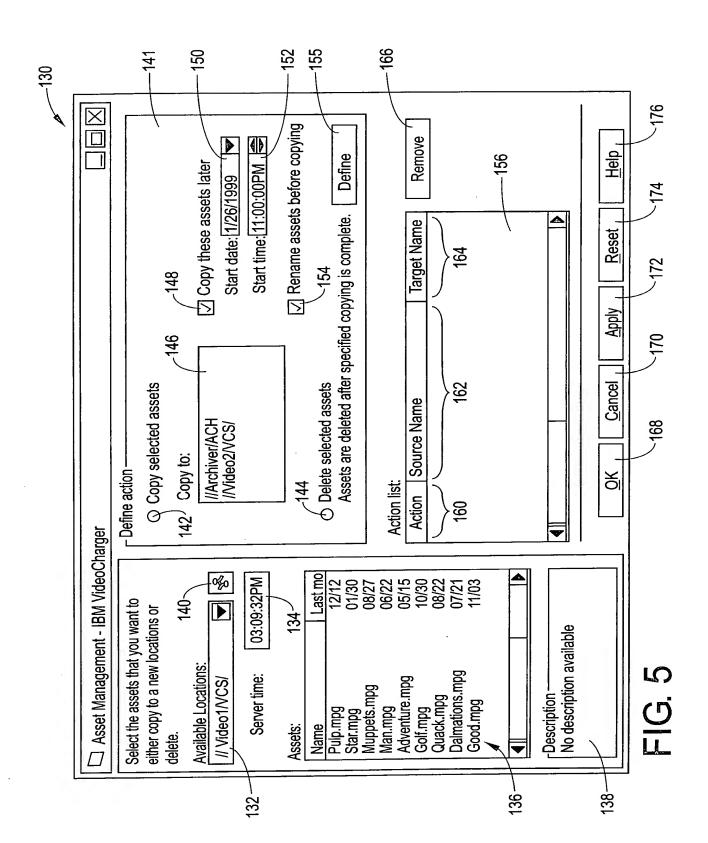


FIG. 3

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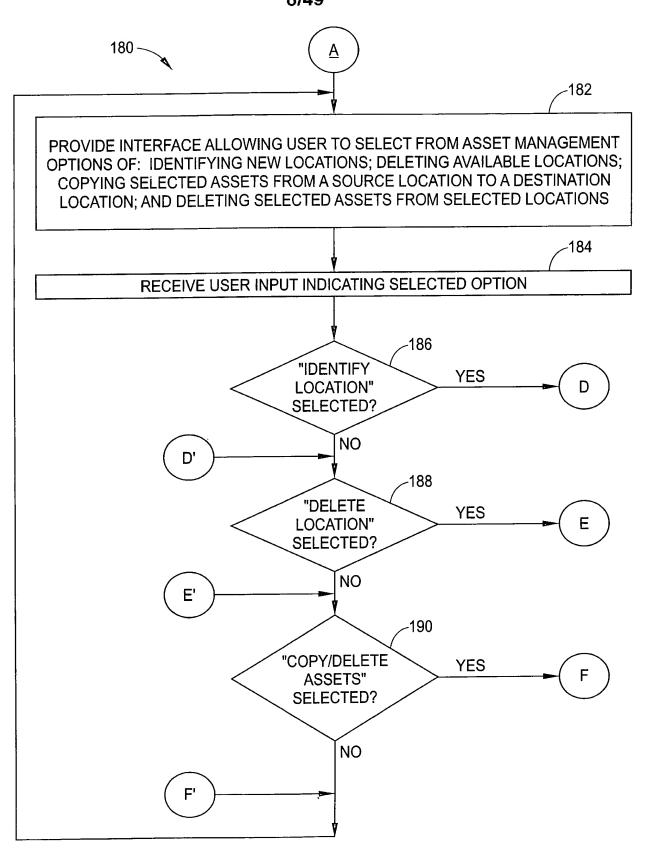
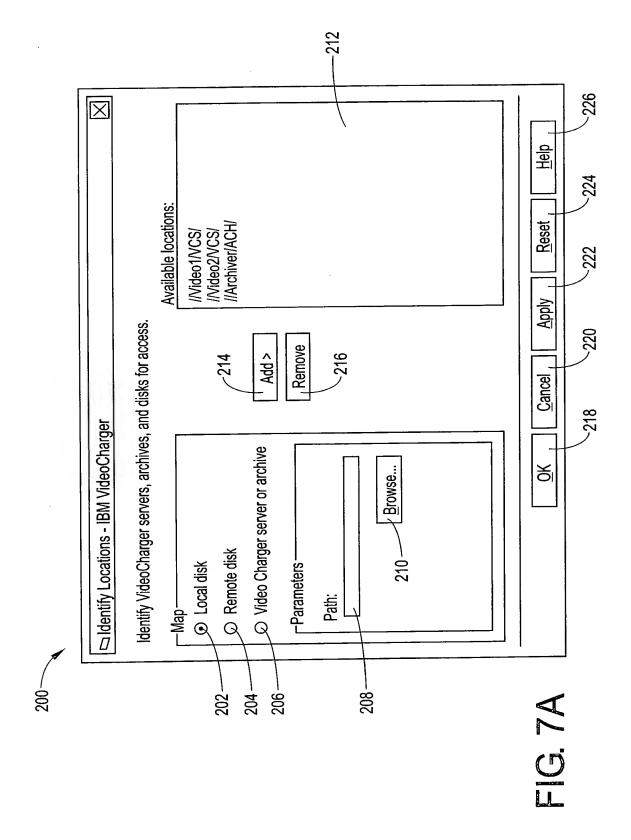


FIG. 6



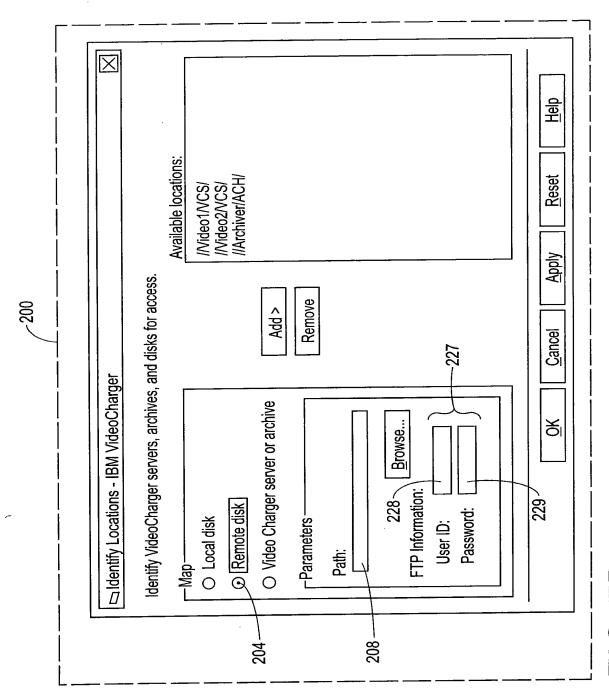
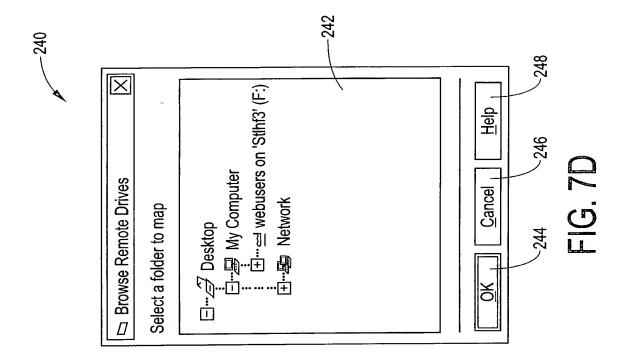
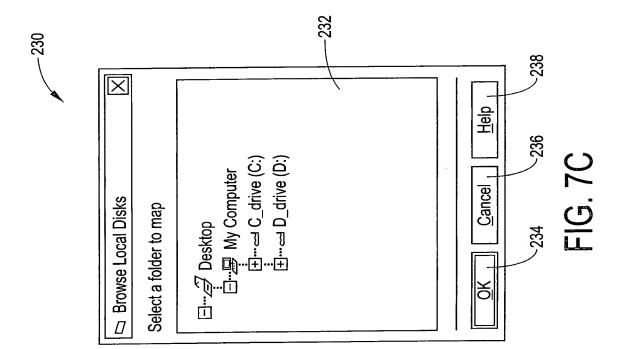


FIG. 7B





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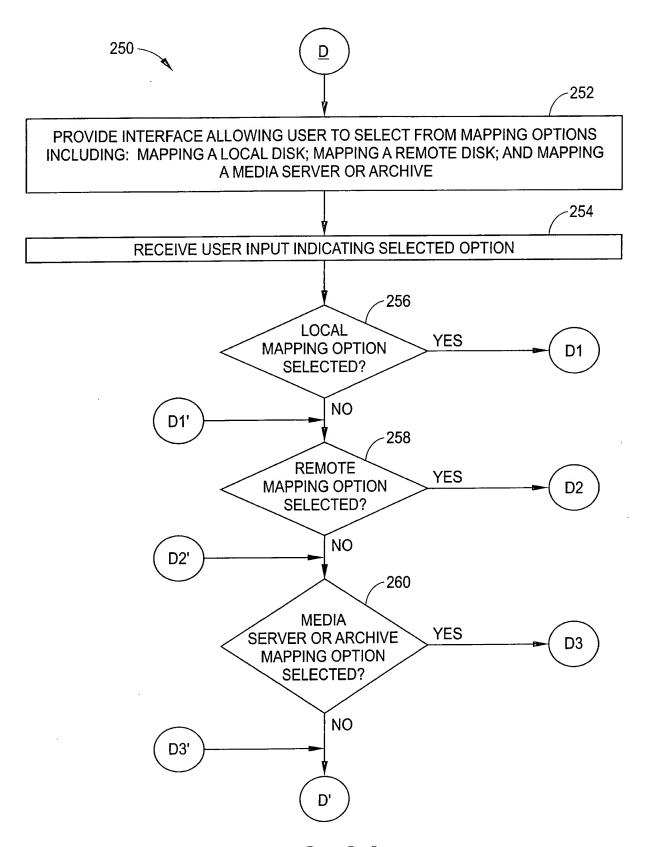
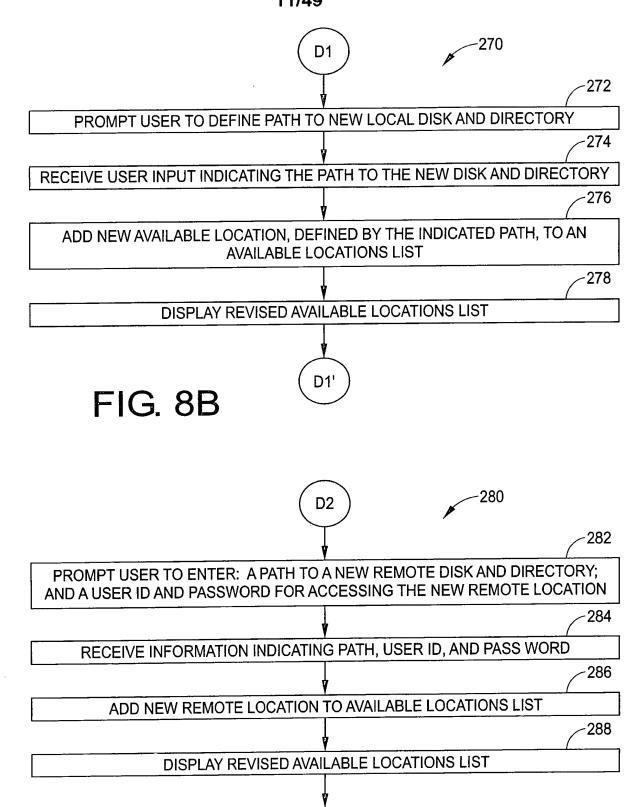


FIG. 8A

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D2'

FIG. 8C

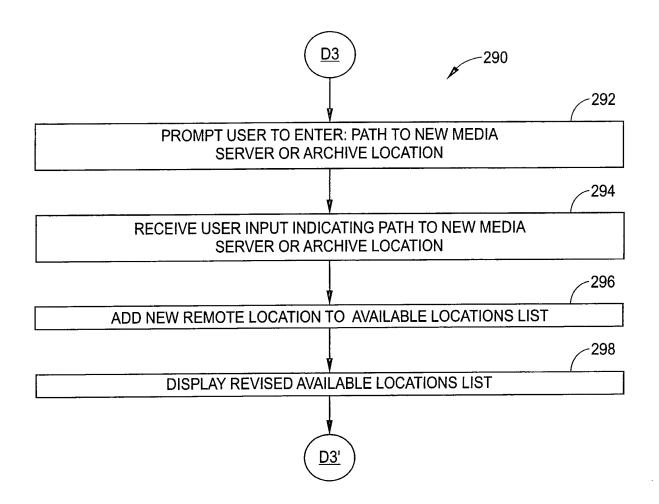


FIG. 8D

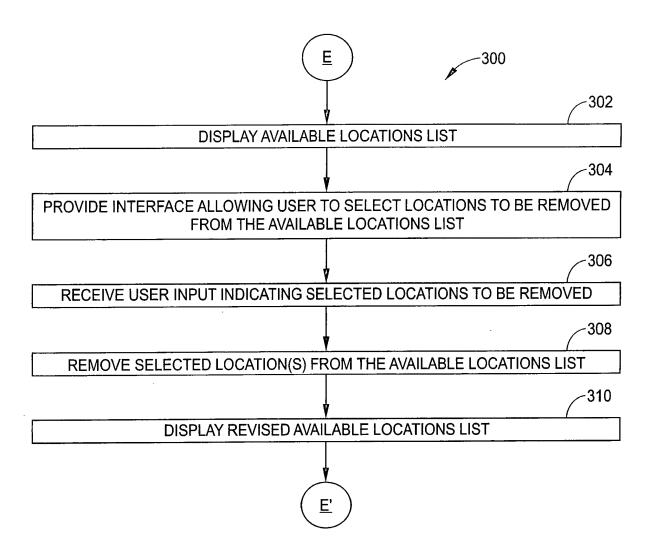
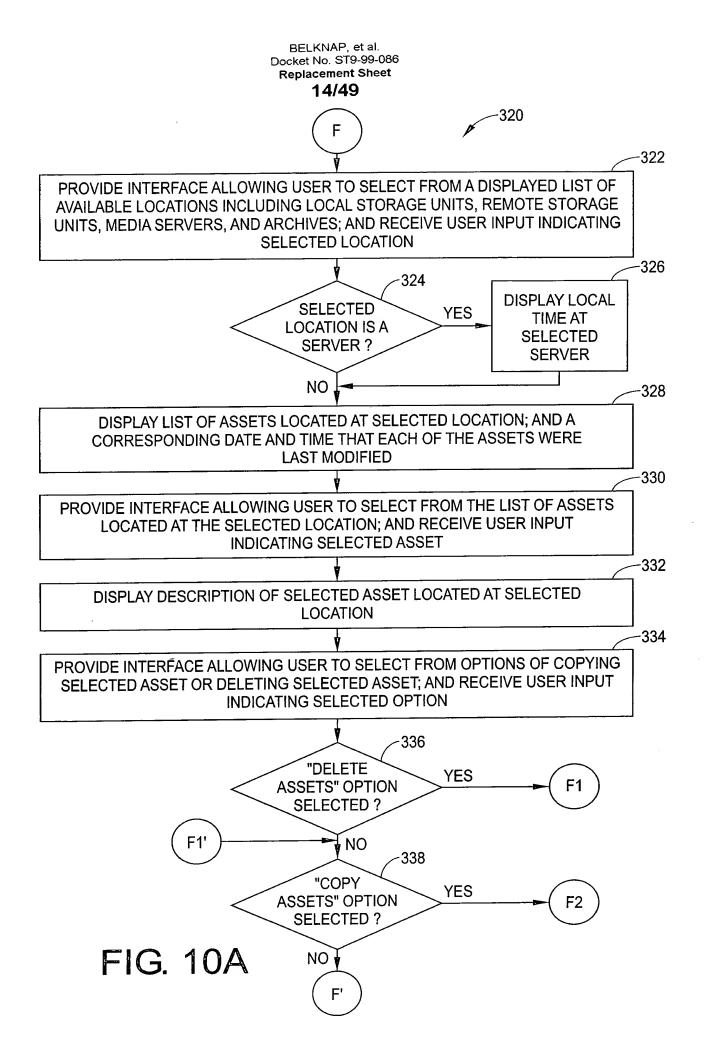
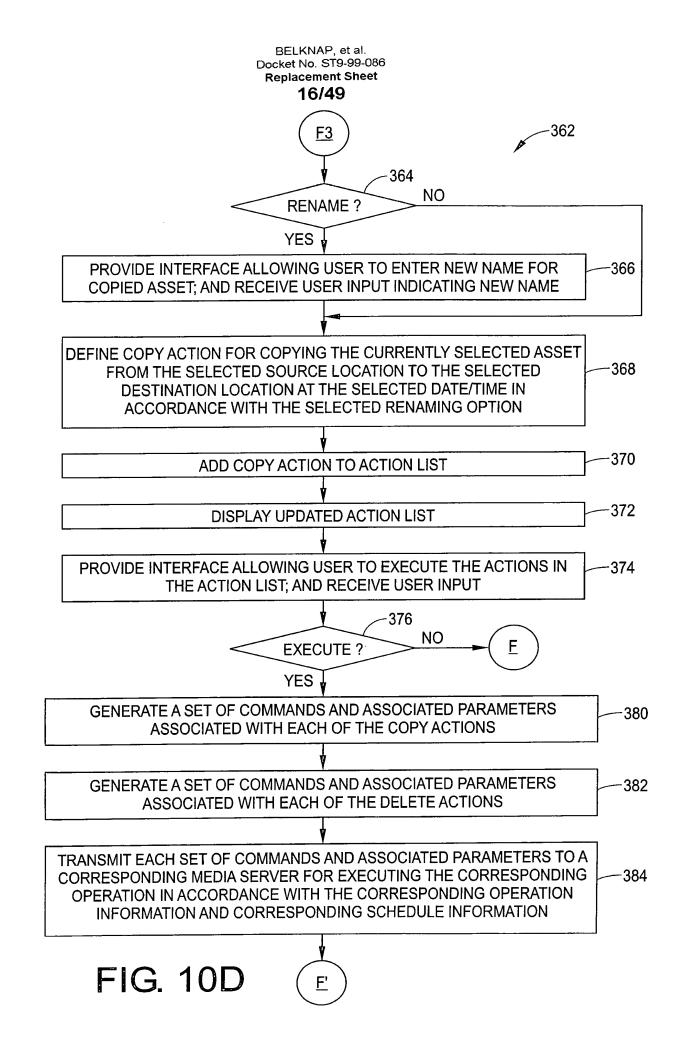
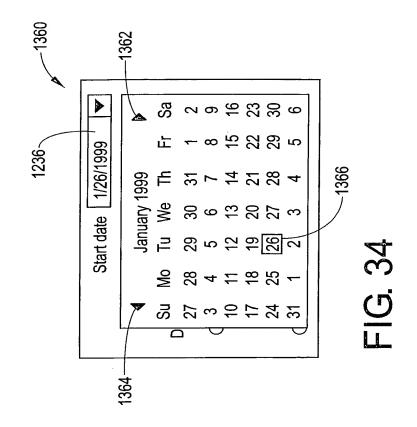


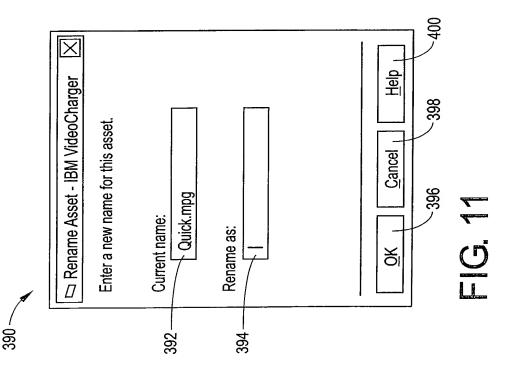
FIG. 9

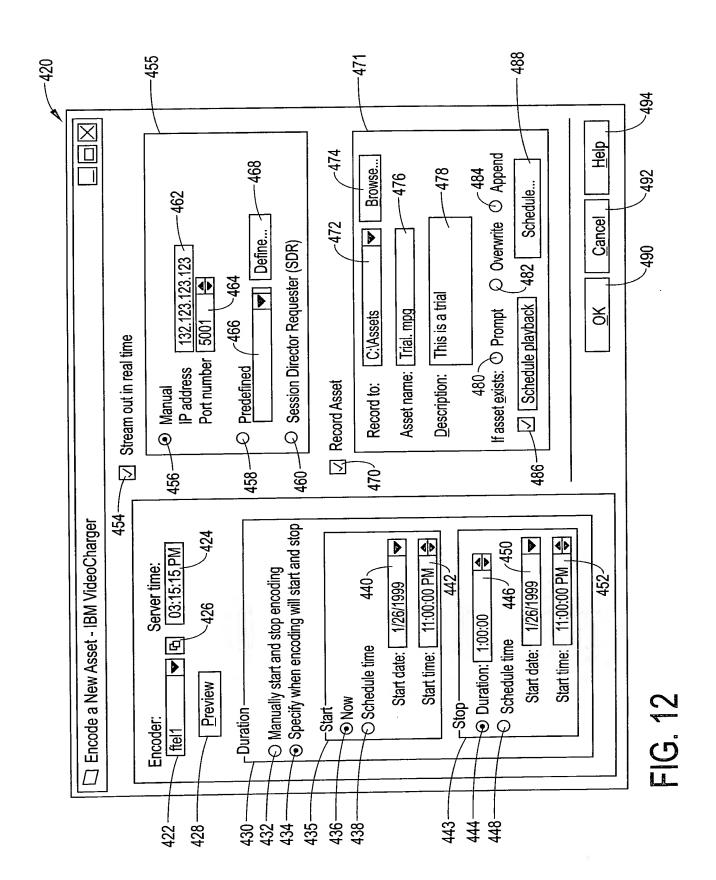


BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 15/49 \_\_342 344 DEFINE DELETE ACTION FOR DELETING THE SELECTED ASSET FROM THE SELECTED LOCATION -346 ADD DELETE ACTION TO ACTION LIST 348 DISPLAY UPDATED ACTION LIST F1' **FIG. 10B** 350~ -352 PROMPT USER TO SELECT DESTINATION LOCATION FROM THE LOCATIONS IN THE DISPLAYED LIST OF AVAILABLE LOCATIONS OTHER THAN THE SELECTED SOURCE LOCATION; AND RECEIVE USER INPUT INDICATING SELECTED DESTINATION LOCATION 354 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM TIMING OPTIONS OF COPYING SELECTED ASSET IMMEDIATELY, OR COPYING SELECTED ASSET AT A SPECIFIED LATER TIME; AND RECEIVE USER INPUT INDICATED SELECTED TIMING OPTION -356 NO **COPY LATER?** 358 YES PROVIDE INTERFACE ALLOWING USER TO SELECT START DATE AND START TIME; AND RECEIVE USER INPUT INDICATING SELECTED START DATE AND START TIME 360 PROVIDE INTERFACE ALLOWING USER TO SELECT OPTION OF RENAMING ASSET BEFORE COPYING; AND RECEIVE USER INPUT INDICATING SELECTED **RENAMING OPTION FIG. 10C** F3

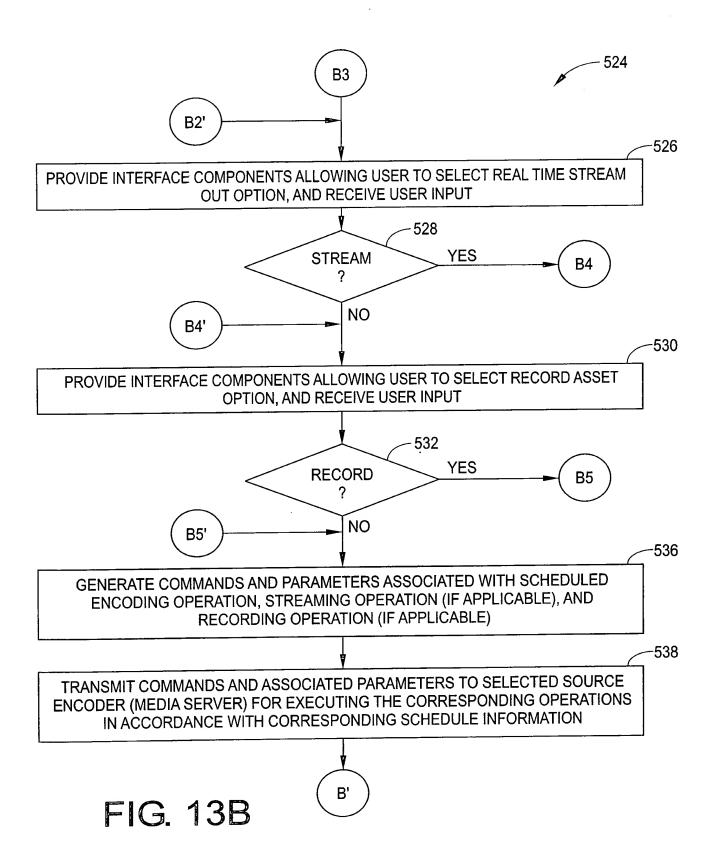


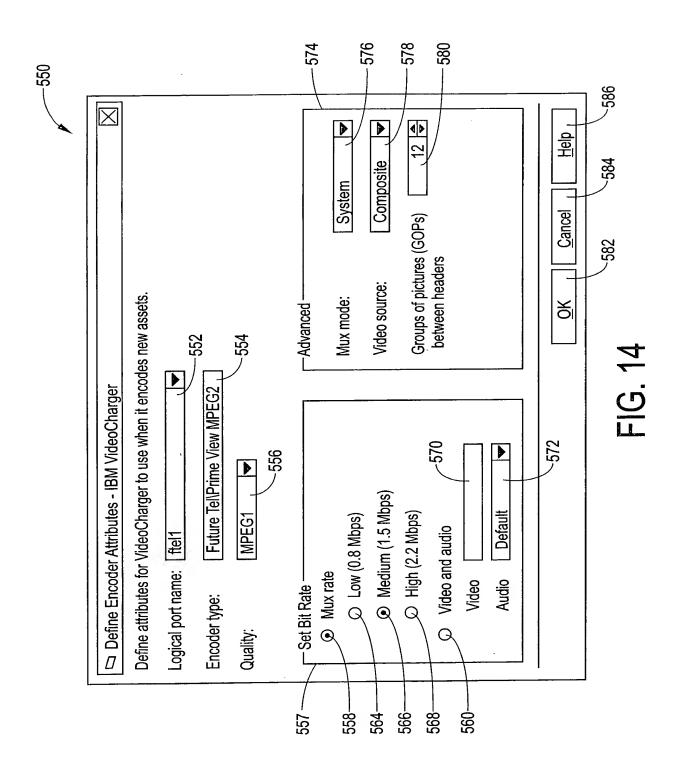




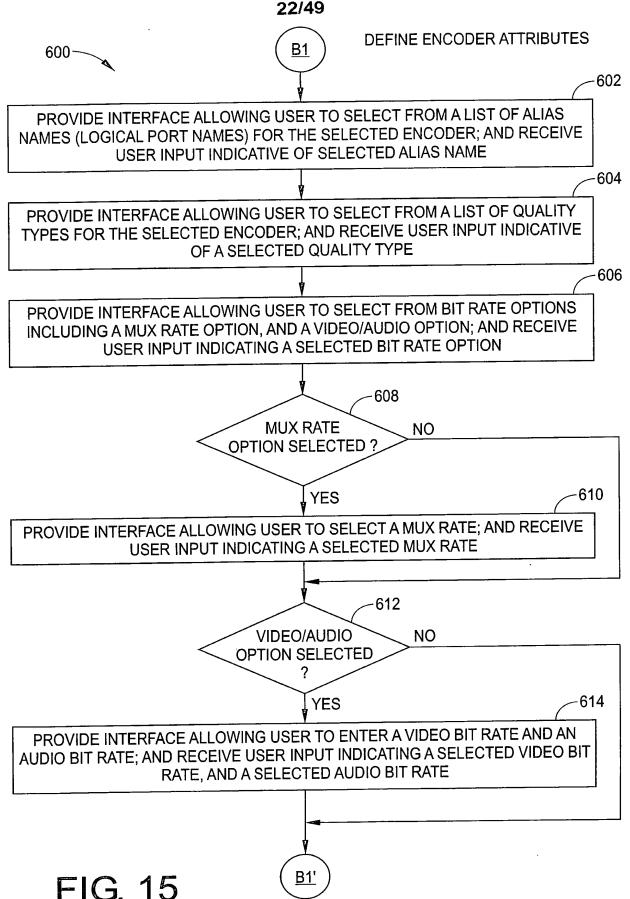


BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 19/49 500 ~ В -502 PROVIDE INTERFACE COMPONENTS ALLOWING USER TO SELECT A SOURCE ENCODER; AND RECEIVE USER INPUT INDICATING SELECTED SOURCE ENCODER -504 DISPLAY SELECTED SOURCE ENCODER, AND LOCAL TIME AT LOCATION OF SELECTED SOURCE ENCODER -506 PROVIDE INTERFACE COMPONENTS ALLOWING USER TO SELECT OPTION OF CHANGING ATTRIBUTES OF THE SELECTED ENCODER; AND RECEIVE USER INPUT ·508 **CHANGE** YES **B1 ATTRIBUTES** NO B1' 510 PROVIDE INTERFACE ALLOWING USER TO SELECT PREVIEW OPTION FOR PREVIEWING A SCENE TO BE ENCODED; AND RECEIVE USER RESPONSE 513 512 **DISPLAY BROWSER PLUG-IN PREVIEW** SHOWING SCENE YES TO BE ENCODED NO -514 PROVIDE INTERFACE COMPONENTS ALLOWING USER TO SELECT FROM ENCODING OPTIONS INCLUDING MANUAL START/STOP ENCODING; AND TIMED ENCODING; AND RECEIVE USER INPUT INDICATING SELECTED ENCODING OPTION. 516 YES MANUAL B2 ? 518 NO PROVIDE INTERFACE COMPONENTS ALLOWING USER TO SPECIFY SCHEDULING INFORMATION FOR TIMED ENCODING; AND RECEIVE USER INPUT **FIG. 13A B**3





BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet



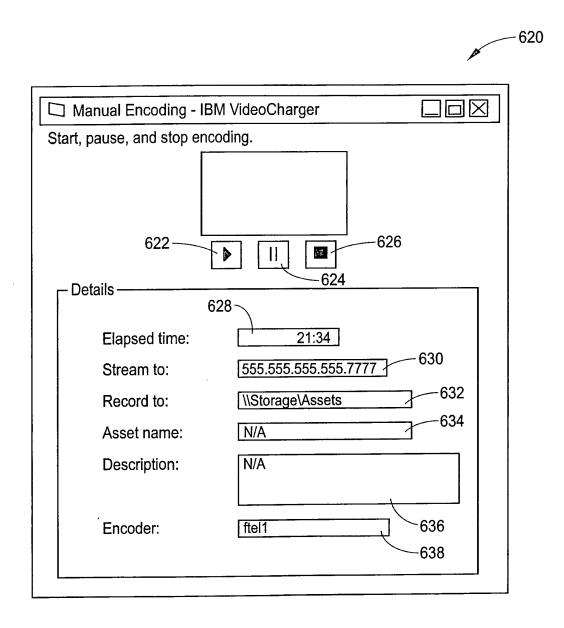
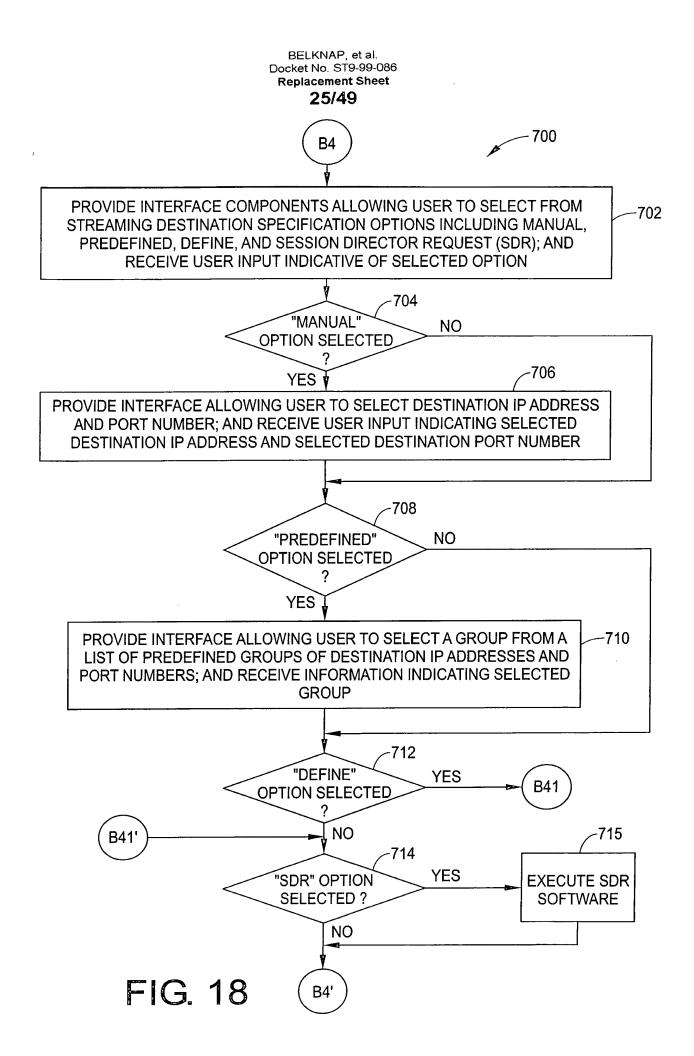
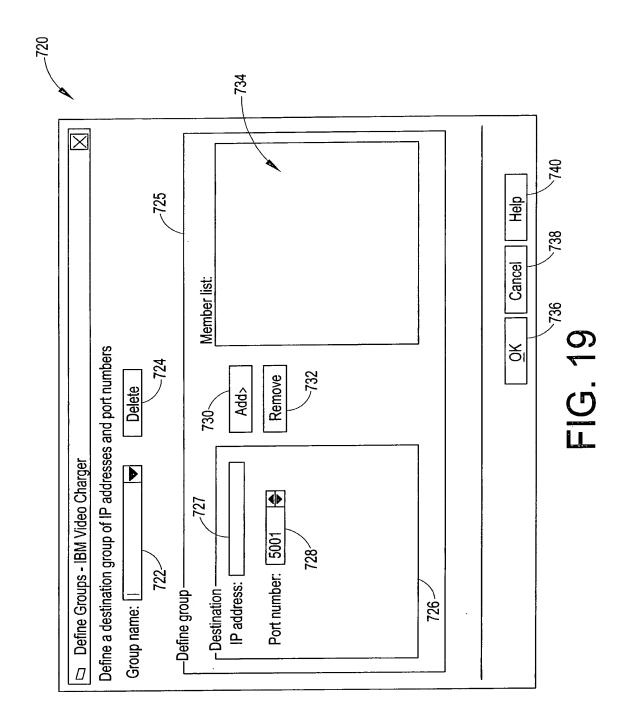


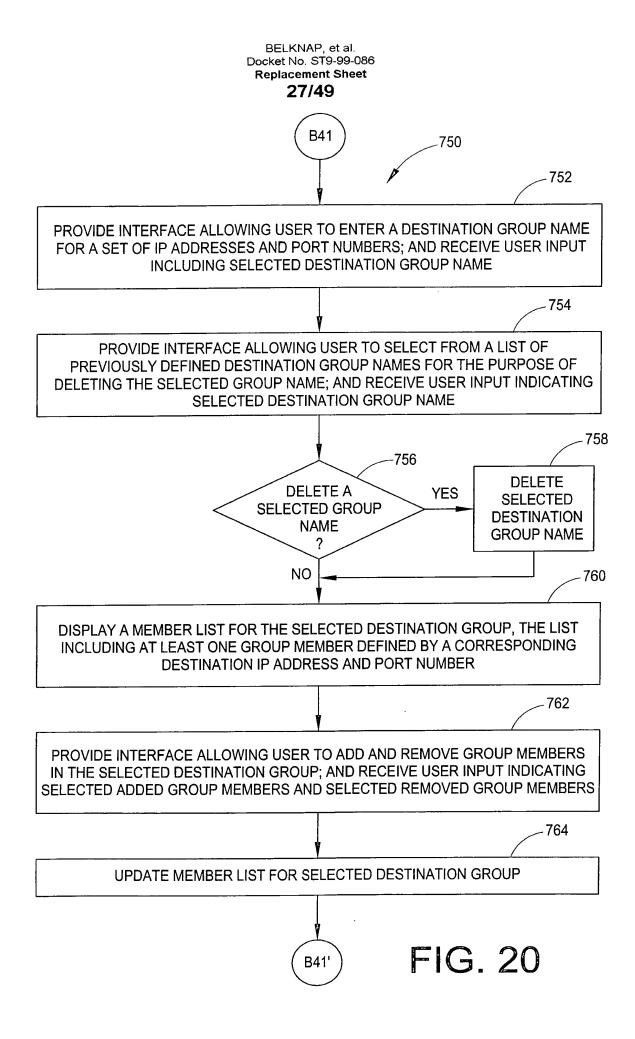
FIG. 16

BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 24/49 650-B2 -652 DISPLAY BROWSER PLUG-IN SHOWING SCENE TO BE ENCODED DISPLAY TEXT INDICATING DETAILS INCLUDING AN ELAPSED TIME, AN IP 654 ADDRESS AND PORT NUMBER, A RECORD STORAGE PATH, AN ASSET NAME, AN ASSET DESCRIPTION, AND SELECTED ENCODER PROVIDE USER INTERFACE ALLOWING USER TO SELECT FROM MANUAL 656 ENCODING OPTIONS INCLUDING START / RESUME ENCODING, PAUSE ENCODING, AND STOP ENCODING; AND RECEIVE USER INPUT 658 YES **ENCODE VIDEO** -660 START? DATA NO START ELAPSED -662 TIME -664 YES PAUSE ENCODING 668 PAUSE? **VIDEO DATA** NO STOP ELAPSED 670 TIME 672 NO STOP? YES . STOP ENCODING -674 VIDEO DATA STOP ELAPSED 676 TIME FIG. 17

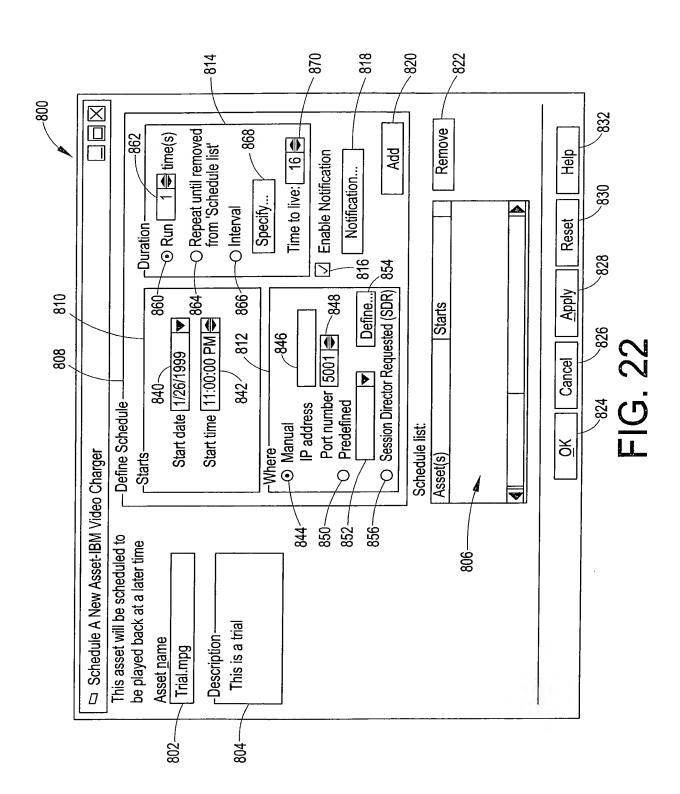
**B2'** 



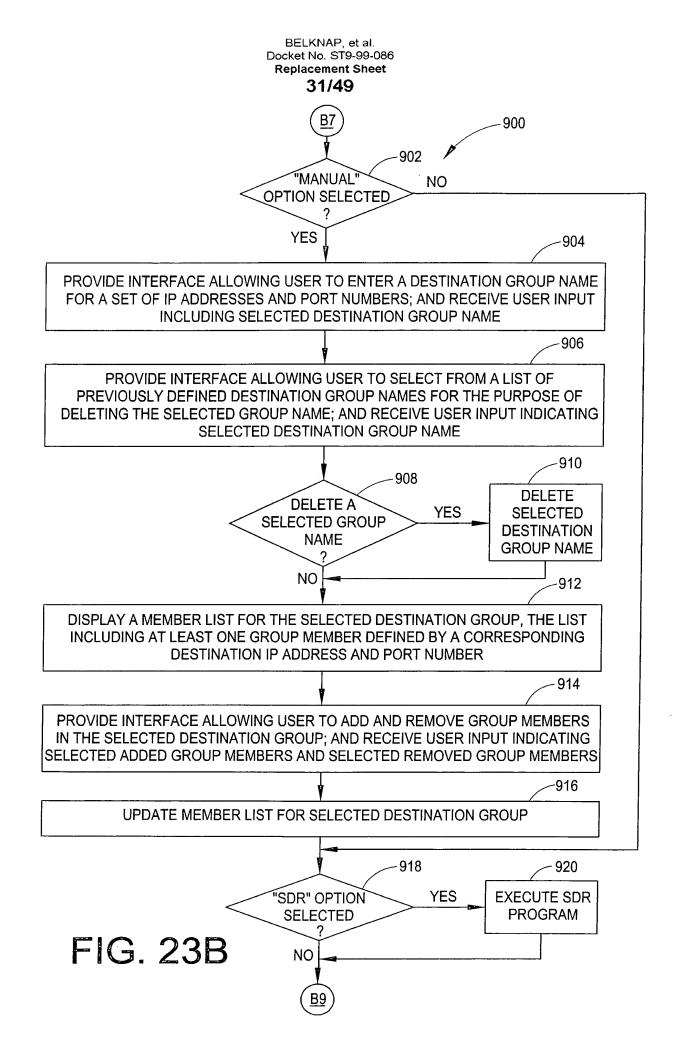




BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 28/49 **B**5 780 -782 PROVIDE INTERFACE ALLOWING USER TO SELECT A RECORD PATH ASSOCIATED WITH A NEW ASSET; AND RECEIVE USER INPUT INDICATIVE OF SELECTED RECORD PATH -784 PROVIDE INTERFACE PROMPTING USER TO ENTER AN ASSET NAME FOR THE NEW ASSET; AND RECEIVE USER INPUT INDICATIVE OF A SELECTED ASSET NAME 786 PROVIDE INTERFACE PROMPTING USER TO ENTER A DESCRIPTION OF CONTENT TO BE ENCODED; AND RECEIVE USER INPUT -788 PROVIDE INTERFACE PROMPTING USER TO SELECT FROM OVERWRITE OPTIONS IN THE EVENT THAT THE ASSET NAME ALREADY EXISTS AT THE RECORD TO PATH. THE OPTIONS INCLUDING PROMPT, OVERWRITE, AND APPEND; AND RECEIVE USER INPUT INDICATIVE OF SELECTED OVERWRITE OPTION 790 MANUAL YES START/STOP PREVIOUSLY В **SELECTED** NO 792 PROVIDE INTERFACE COMPONENTS ALLOWING USER TO SELECT SCHEDULE PLAYBACK OPTION, AND RECEIVE USER INPUT 794 SCHEDULE NO B5' PLAYBACK ? YES FIG. 21 B6



BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 30/49 880 B6 882 DISPLAY ASSET NAME, AND DESCRIPTION FOR A CURRENTLY SELECTED ASSET 884 DISPLAY A SCHEDULE LIST INCLUDING A LIST OF ASSETS TO BE PLAYED BACK, EACH ASSET HAVING AN ASSOCIATED PLAY-BACK START DATE AND START TIME, AN ASSOCIATED PLAY-BACK DURATION PROGRAM, AND AN ASSOCIATED PLAY-BACK **DESTINATION** 886 PROVIDE INTERFACE ALLOWING USER TO SELECT A PLAY-BACK START DATE AND TIME FOR THE SELECTED ASSET; AND RECEIVE USER INPUT INDICATIVE OF SELECTED START DATE AND TIME 888 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM PLAY-BACK DESTINATION SPECIFICATION OPTIONS FOR THE SELECTED ASSET, THE OPTIONS INCLUDING MANUAL, PREDEFINED, DEFINE, AND SDR; AND RECEIVE USER INPUT INDICATIVE OF SELECTED OPTION 890 "MANUAL" NO OPTION SELECTED ? YES 892 PROVIDE INTERFACE ALLOWING USER TO SELECT DESTINATION IP ADDRESS AND PORT NUMBER; AND RECEIVE USER INPUT INDICATING SELECTED DESTINATION IP ADDRESS AND SELECTED PORT NUMBER 894 NO PREDEFINED' SELECTED YES 896 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM PREDEFINED GROUP OF DESTINATION IP ADDRESSES AND PORT NUMBERS; AND RECEIVE USER INPUT INDICATING SELECTED GROUP OF DESTINATION IP ADDRESS AND PORT NUMBER FIG. 23A



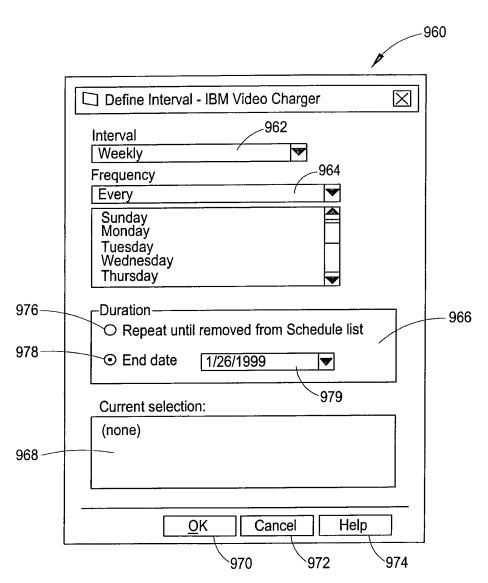
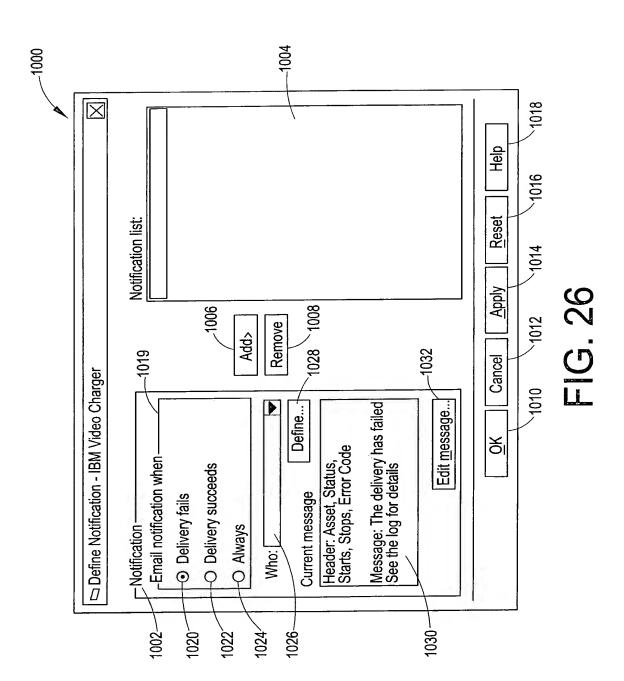


FIG. 24

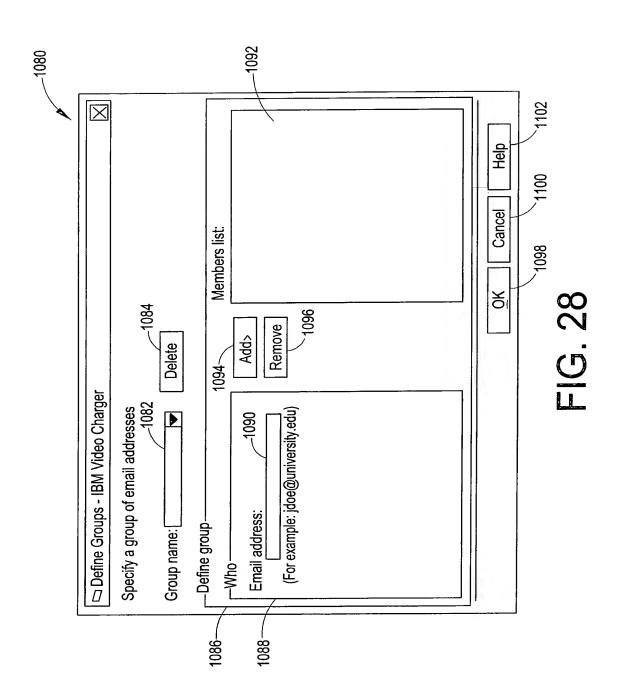
BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 34/49 -980 B10 982 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM INTERVAL FREQUENCY OPTIONS; AND RECEIVE USER INPUT INDICATIVE OF SELECTED FREQUENCY OPTION 984 DEFINE PLAYBACK INTERVAL BASED ON SELECTED FREQUENCY OPTION -986 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM DUTATION OPTIONS; AND RECEIVE USER INPUT INDICATIVE OF SELECTED DURATION OPTION -988 "REPEAT NO UNTIL REMOVED" OPTION SELECTED 990 YES SCHEDULE ASSET TO BE PLAYED BACK IN ACCORDANCE WITH THE SELECTED FREQUENCY OPTION UNTIL REMOVED FROM THE SCHEDULE LIST 992 **SPECIFIED** NO **END DATE OPTION** SELECTED YES 994 PROVIDE INTERFACE ALLOWING USER TO SELECT AN END DATE FOR THE SCHEDULED PLAYBACK; AND RECEIVE USER INPUT INDICATIVE OF SELECTED **END DATE** 996 SCHEDULE ASSET TO BE PLAYED BACK IN ACCORDANCE WITH THE SELECTED FREQUENCY OPTION UNTIL THR SELECTED END DATE FIG. 25 B10'



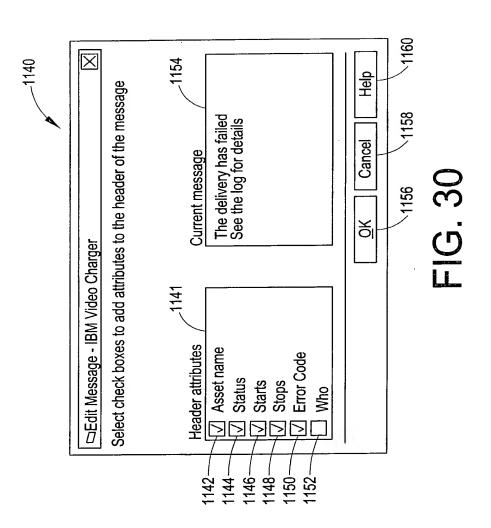
BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 36/49 1050 -1052 DISPLAY NOTIFICATION LIST INCLUDING PREVIOUSLY DEFINED NOTIFICATION ENTRIES 1054 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM NOTIFICATION CIRCUMSTANCE OPTIONS; AND RECEIVE USER INPUT INDICATIVE OF SELECTED NOTIFICATION CIRCUMSTANCE OPTION 1056 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM GROUPS OF DESTINATION E-MAIL ADDRESSES: AND RECEIVE USER INPUT INDICATIVE OF SELECTED GROUP -1060 PROVIDE INTERFACE ALLOWING USER TO SELECT OPTION OF DEFINING A NEW GROUP OF DESTINATION E-MAIL ADDRESSES; AND RECEIVE USER INPUT INDICATIVE OF SELECTED OPTION 1062 OPTION OF YES **DEFINING A NEW GROUP** B12 SELECTED B12' NO 1064 DISPLAY A CURRENT MESSAGE TO BE SENT TO THE SELECTED GROUP - 1066 PROVIDE INTERFACE ALLOWING USER TO SELECT OPTION OF EDITING THE CURRENT MESSAGE; AND RECEIVE USER INPUT INDICATIVE OF SELECTED OPTION 1068 OPTION YES OF EDITING MESSAGE B13 SELECTED NO 1070 DEFINE NEW NOTIFICATION ENTRY, AND ADD NEW ENTRY TO NOTIFICATION LIST -1072

DISPLAY REVISED NOTIFICATION LIST

FIG. 27



BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 38/49 B12 -1112 PROVIDE INTERFACE ALLOWING USER TO ENTER A GROUP NAME FOR A GROUP OF E-MAIL ADDRESSES; AND RECEIVE USER INPUT INDICATING A SELECTED GROUP NAME -1114 DISPLAY MEMBER LIST INCLUDING E-MAIL ADDRESSES ASSOCIATED WITH SELECTED **GROUP NAME** -1116 PROVIDE INTERFACE ALLOWING USER TO SELECT ADD AND REMOVE OPTIONS FOR ADDING AND REMOVING MEMBERS FROM THE LIST; AND RECEIVE USER INPUT INDICATIVE OF SELECTED OPTION -1118 YES **REMOVE** -1120 PROVIDE INTERFACE ALLOWING USER TO SELECT A MEMBER FROM THE LIST; AND RECEIVE USER INPUT INDICATING SELECTED **MEMBER** -1122 REMOVE SELECTED MEMBER FROM LIST 1124 add YES -1126 PROVIDE INTERFACE ALLOWING USER TO ENTER AN E-MAIL ADDRESS ASSOCIATED WITH A NEW MEMBER; AND RECEIVE USER INPUT INDICATIVE OF E-MAIL ADDRESS ASSOCIATED WITH NEW MEMBER -1128 ADD E-MAIL ADDRESS ASSOCIATED WITH NEW MEMBER TO MEMBER LIST -1130 DISPLAYED REVISED MEMBER LIST FIG. 29



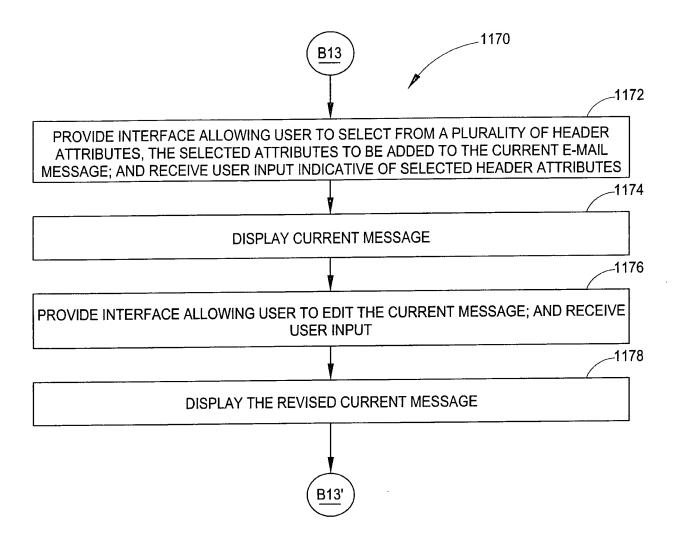
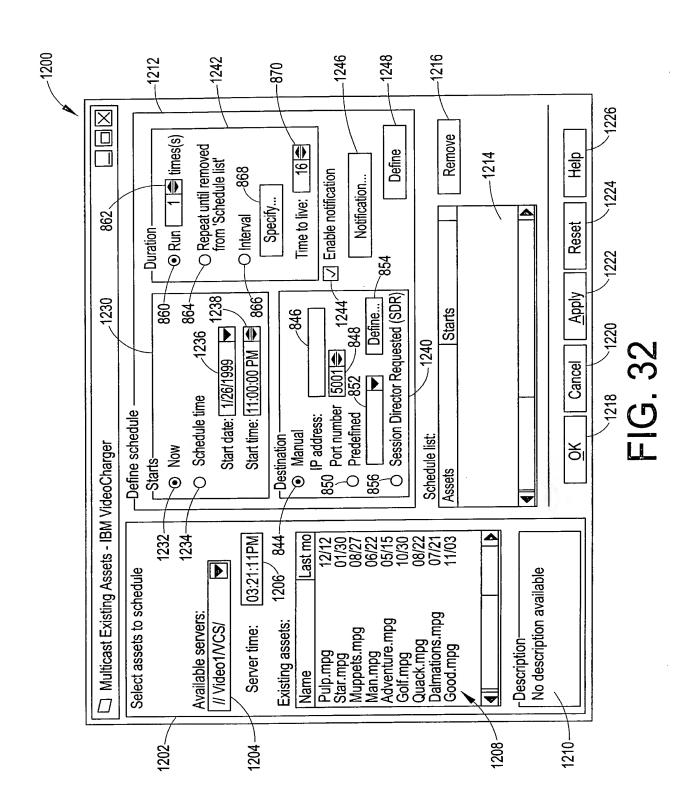


FIG. 31



Docket No. ST9-99-086 Replacement Sheet 42/49 \_1250 \_1252 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM A DISPLAYED LIST OF STREAMER SERVERS; AND RECEIVE USER INPUT INDICATING SELECTED SERVER -1254 DISPLAY LOCAL TIME AT SELECTED STREAMER SERVER -1256 DISPLAY LIST OF ASSETS LOCATED AT SELECTED STREAMER SERVER; AND A CORRESPONDING DATE AND TIME THAT EACH OF THE ASSETS WERE LAST MODIFIED -1258 PROVIDE INTERFACE ALLOWING USER TO SELECT FROM THE LIST OF ASSETS LOCATED AT THE SELECTED LOCATION; AND RECEIVE USER INPUT INDICATING SELECTED ASSET -1260 DISPLAY DESCRIPTION OF SELECTED ASSET -1262 DISPLAY A SCHEDULE LIST INCLUDING A LIST OF ASSETS TO BE PLAYED BACK, EACH ASSET HAVING AN ASSOCIATED PLAY-BACK START DATE AND START TIME, AN ASSOCIATED PLAY-BACK DURATION PROGRAM, AND AN ASSOCIATED PLAY-BACK DESTINATION -1264PROVIDE INTERFACE ALLOWING USER TO SELECT FROM MULTICAST START OPTIONS INCLUDING AN IMMEDIATE START OPTION AND A SCHEDULED START OPTION; AND RECEIVE USER INPUT INDICATIVE OF SELECTED MULTICAST START OPTION -1266 **IMMEDIATE** YES START OPTION SELECTED NO -1268 PROVIDE INTERFACE ALLOWING USER TO SELECT A MULTICAST START DATE AND TIME FOR THE SELECTED ASSET; AND RECEIVE USER INPUT INDICATIVE OF SELECTED START DATE AND TIME -1270 DEFINE MULTICAST START TIME BASED ON SELECTED MULTICAST START OPTION

BELKNAP, et al.

**FIG. 33A** 

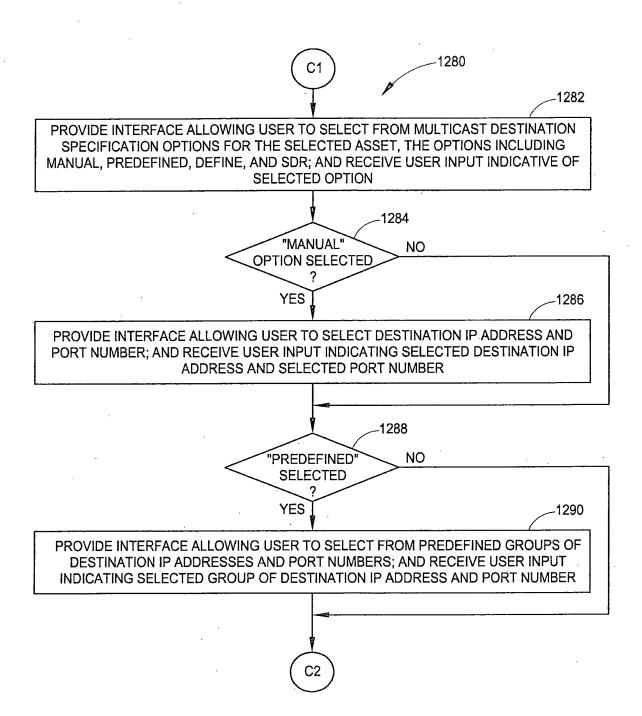
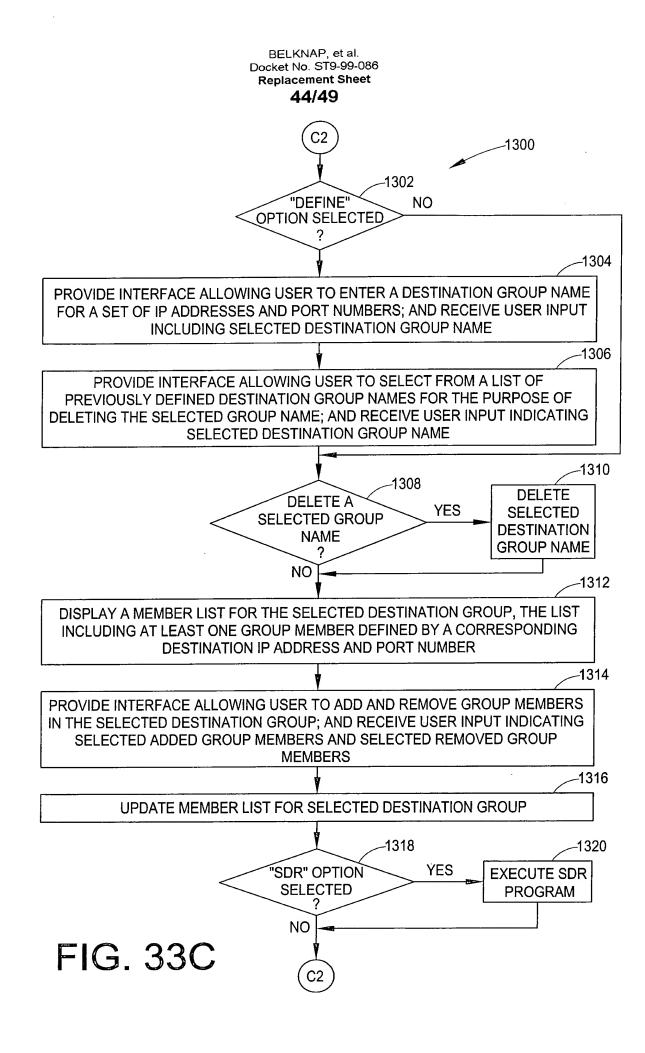
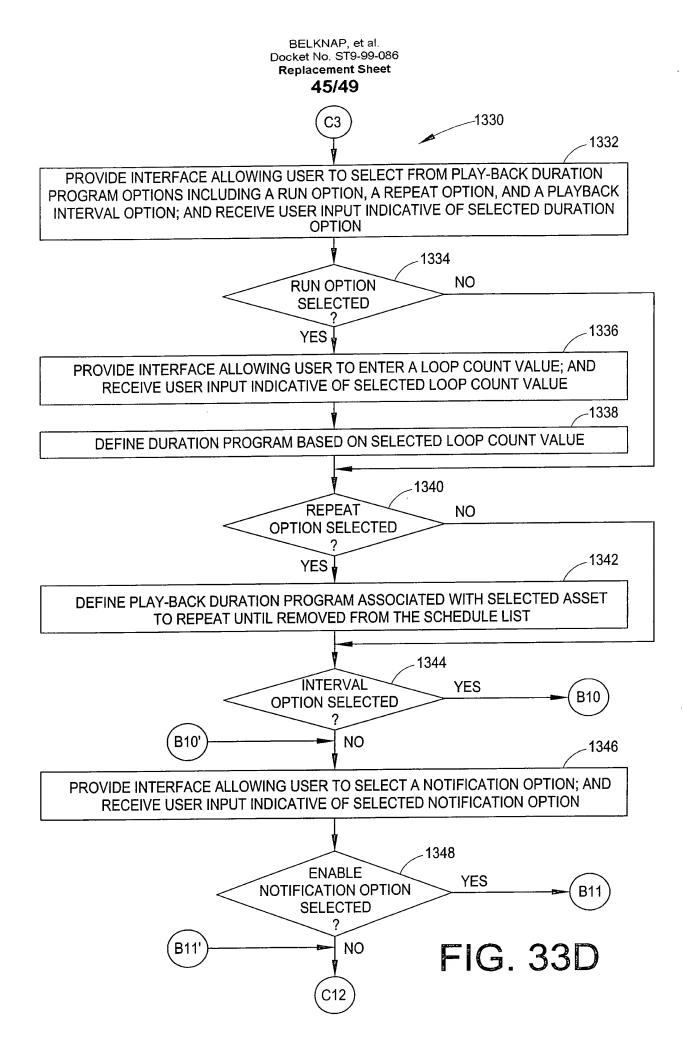


FIG. 33B





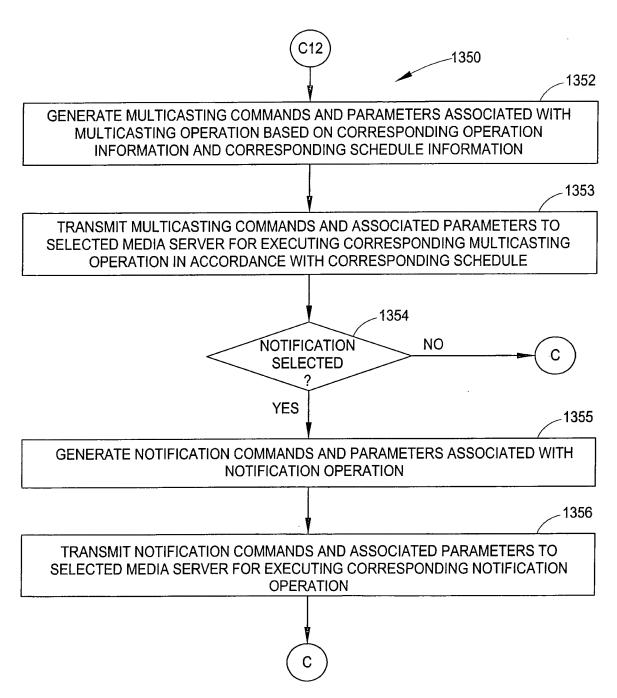
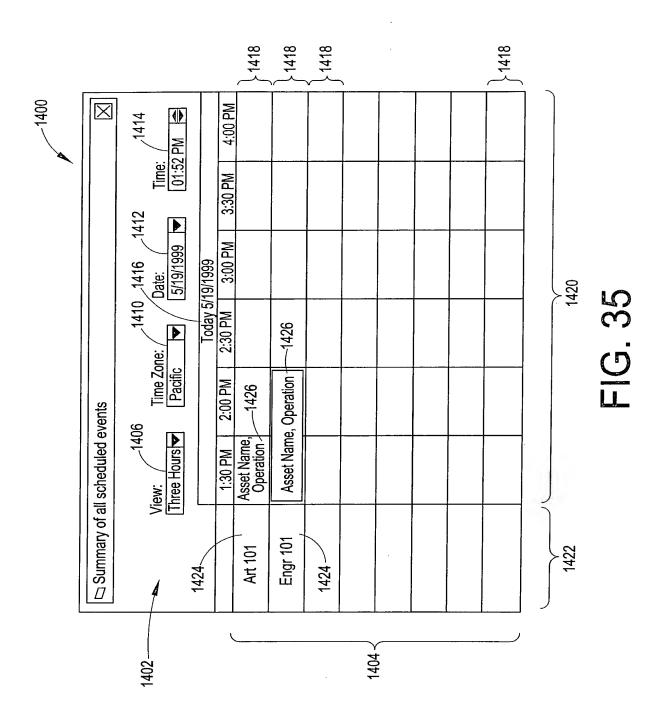
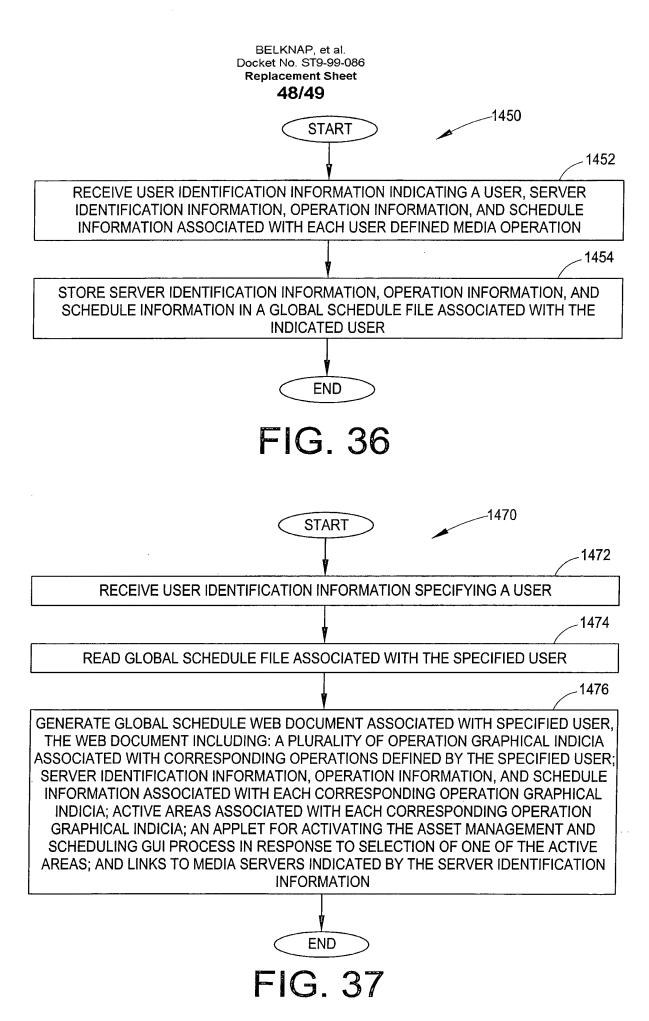


FIG. 33E





BELKNAP, et al. Docket No. ST9-99-086 Replacement Sheet 49/49

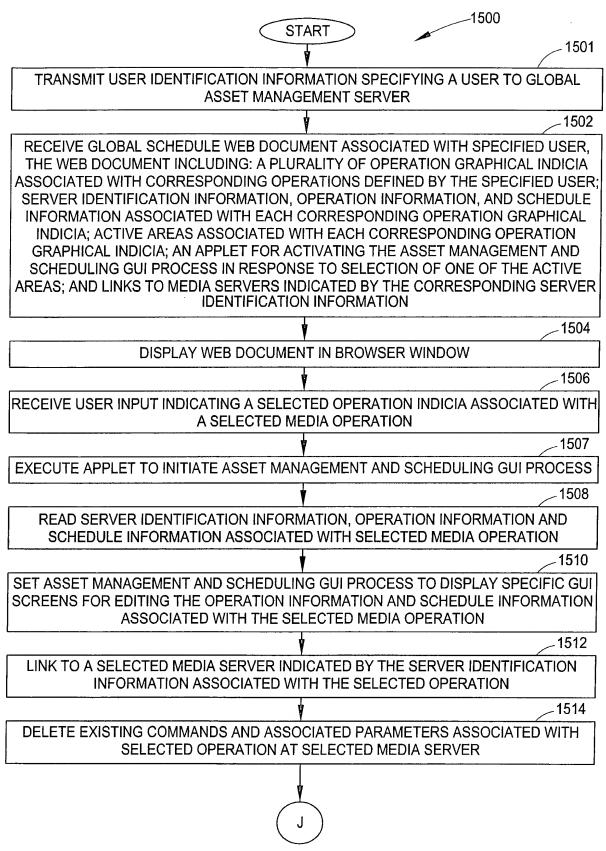


FIG. 38